

Data Path : Z:\HPCHEM1\BNA G\DATA\BG103017\
 Data File : BG030608.D
 Acq On : 31 Oct 2017 11:14
 Operator : SJ/JU
 Sample : I5886-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 31 14:24:20 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 31 07:15:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	70232	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	362052	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	231581	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	504213	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	530262	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	539056	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	5837	3.38	ng/uL	0.00
5) Phenol-d5	7.31	99	130218	19.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	74018	17.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	105599	22.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	103808	19.07	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	54601	21.01	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	67477	25.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	124554	20.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	112529	15.96	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	385920	19.49	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	487291	20.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	46617	12.75	ng/ul	0.00
57) Fluorene-d10	15.76	176	347100	21.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	51343	20.86	ng/ul	0.00
70) Anthracene-d10	17.61	188	479630	20.11	ng/ul	0.00
76) Pyrene-d10	19.89	212	540386	19.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	495497	19.41	ng/ul	0.00

Target Compounds

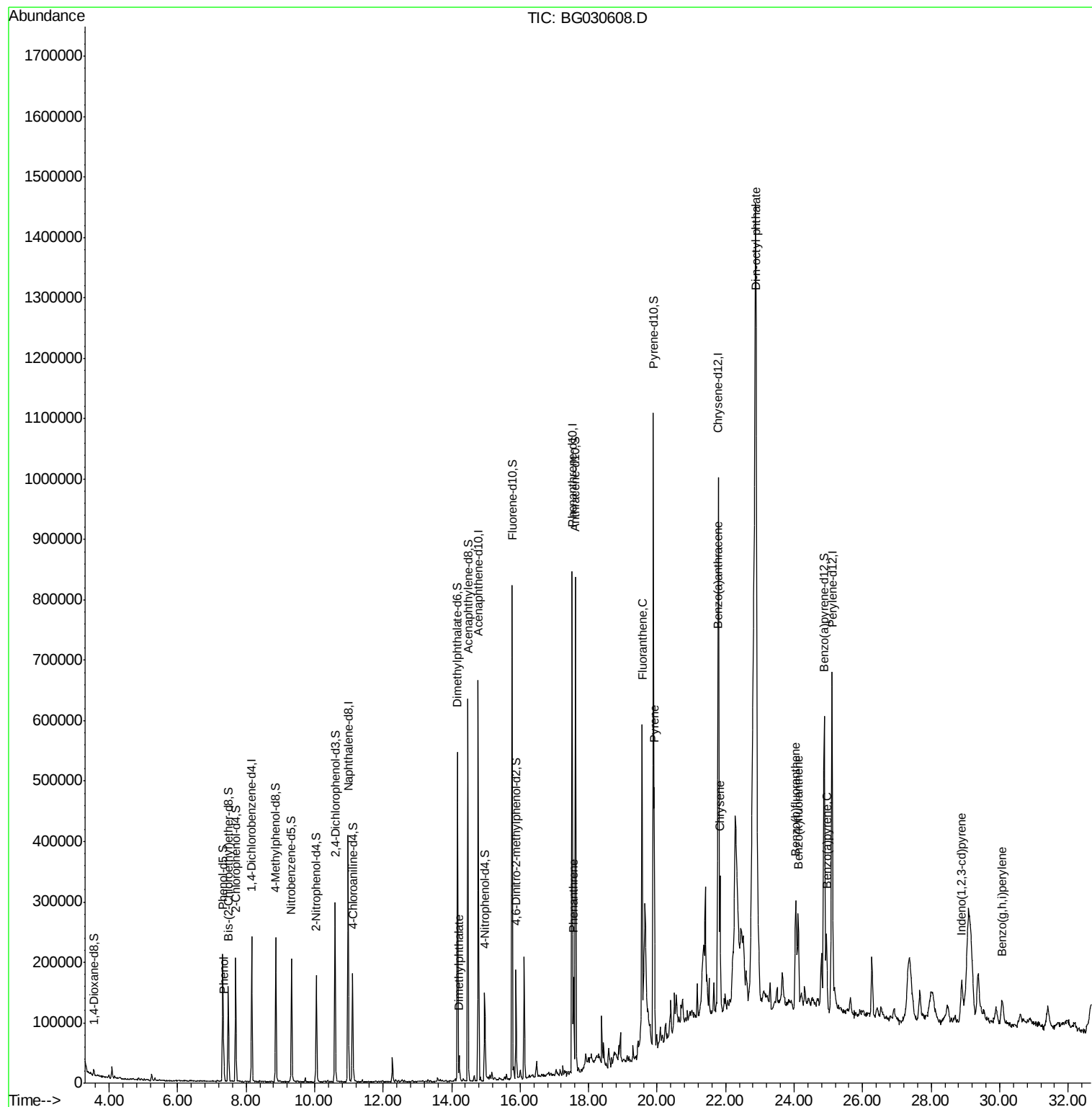
				Ovalue	
6) Phenol	7.34	94	22297	3.197	ng/ul 91
44) Dimethylphthalate	14.22	163	26686	1.382	ng/ul# 95
69) Phenanthrene	17.56	178	103872	3.811	ng/ul 99
74) Fluoranthene	19.56	202	319156	10.477	ng/ul 99
77) Pyrene	19.92	202	256879	7.228	ng/ul 98
80) Benzo(a)anthracene	21.77	228	148494	4.468	ng/ul 98
82) Chrysene	21.84	228	166768	5.523	ng/ul 97
84) Di-n-octyl phthalate	22.88	149	93398	2.590	ng/ul 100
85) Benzo(b)fluoranthene	24.05	252	234088	7.234	ng/ul 96
86) Benzo(k)fluoranthene	24.11	252	74690	2.387	ng/ul 97
88) Benzo(a)pyrene	24.95	252	144639	4.592	ng/ul 100
89) Indeno(1,2,3-cd)pyrene	28.89	276	115540	3.242	ng/ul 98
91) Benzo(g,h,i)perylene	30.08	276	93400	3.162	ng/ul 95

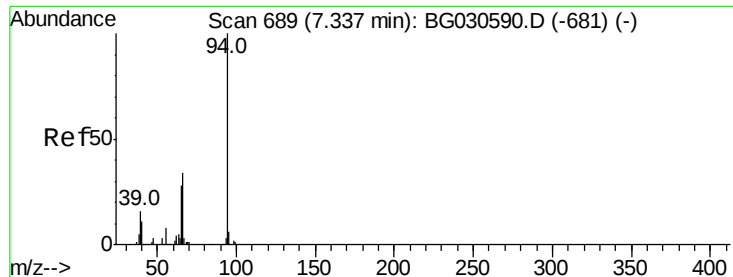
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.197 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG030608.D

Acq: 31 Oct 2017 11:14

Instrument :

BNA_G

ClientSampleId :

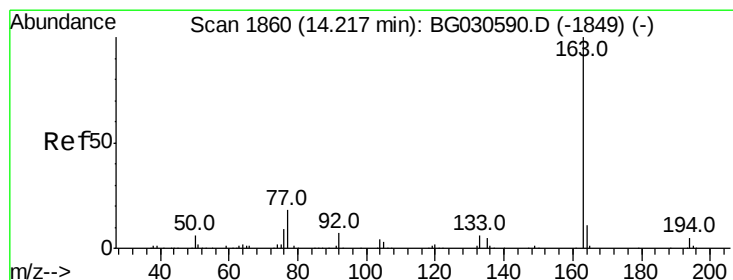
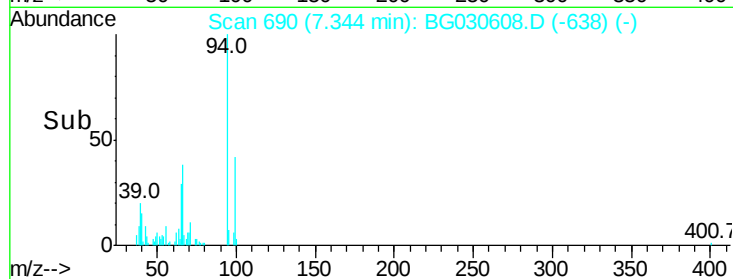
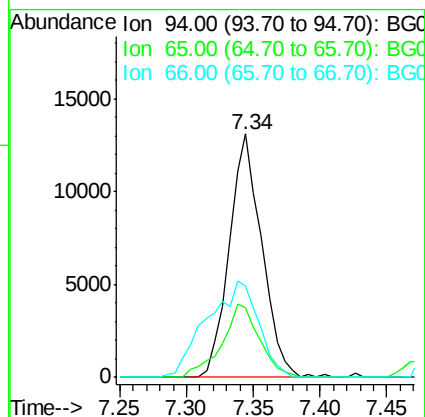
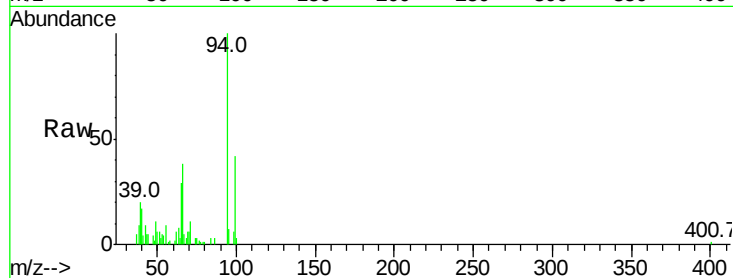
Tot Ion: 94 Resp: 22297

Ion Ratio Lower Upper

94 100

65 28.6 27.1 40.7

66 37.6 34.6 52.0



#44

Dimethylphthalate

Concen: 1.382 ng/ul

RT: 14.22 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BG030608.D

Acq: 31 Oct 2017 11:14

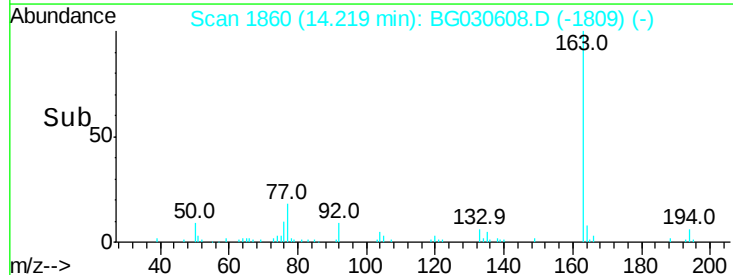
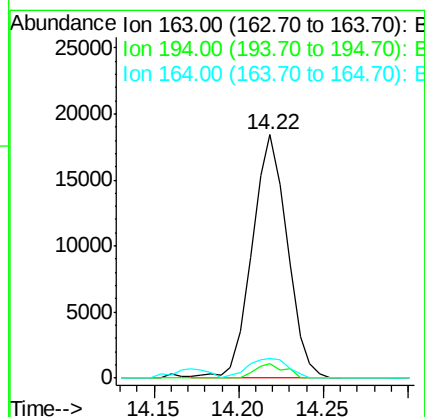
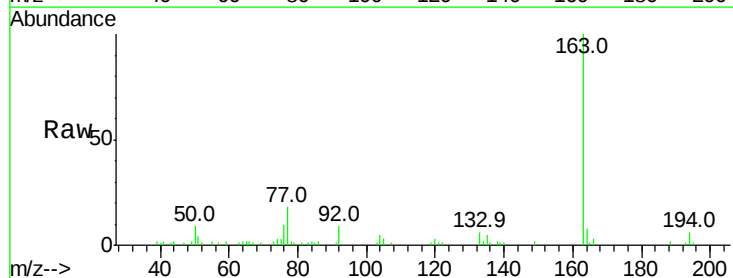
Tgt Ion: 163 Resp: 26686

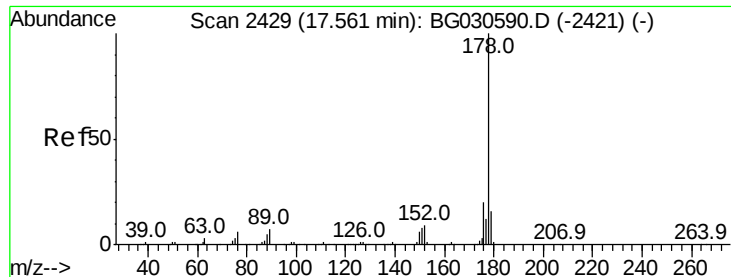
Ion Ratio Lower Upper

163 100

194 6.2 3.5 5.3#

164 8.0 7.6 11.4





#69

Phenanthrene

Concen: 3.811 ng/ul

RT: 17.56 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG030608.D

Acq: 31 Oct 2017 11:14

Instrument :

BNA_G

ClientSampled :

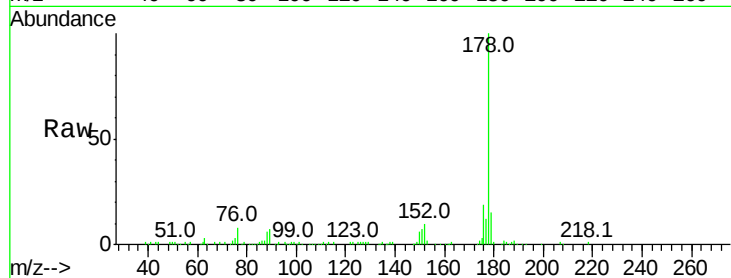
Tot Ion:178 Resp: 103872

Ion Ratio Lower Upper

178 100

179 15.1 13.0 19.6

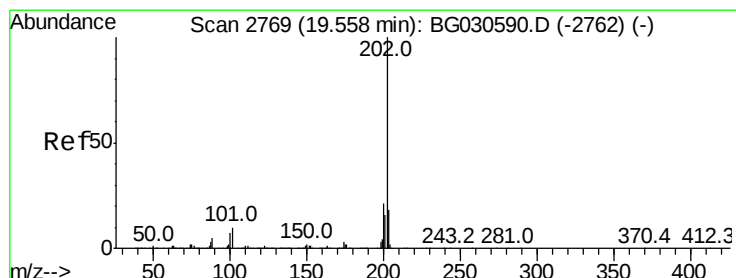
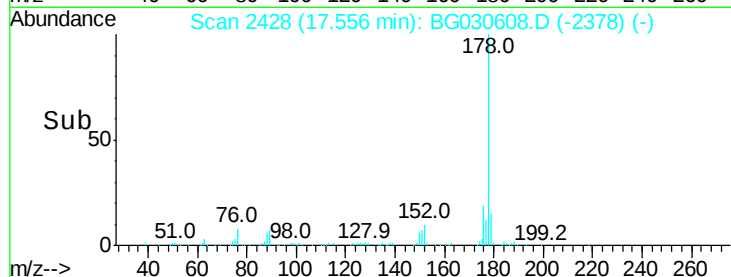
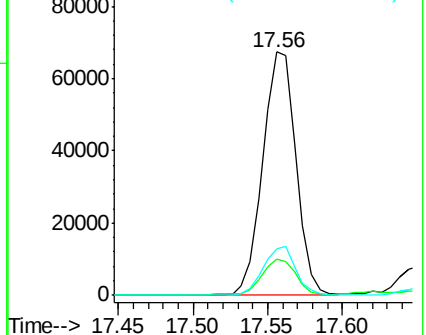
176 19.0 15.3 22.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#74

Fluoranthene

Concen: 10.477 ng/ul

RT: 19.56 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BG030608.D

Acq: 31 Oct 2017 11:14

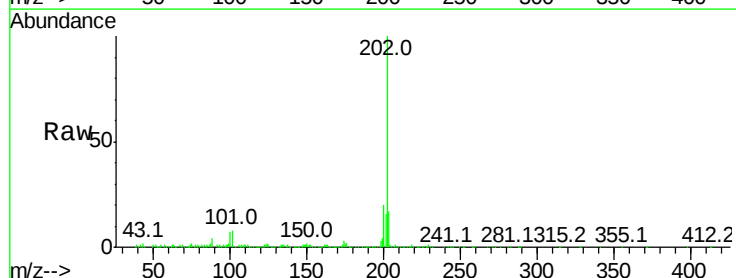
Tgt Ion:202 Resp: 319156

Ion Ratio Lower Upper

202 100

101 8.5 7.4 11.2

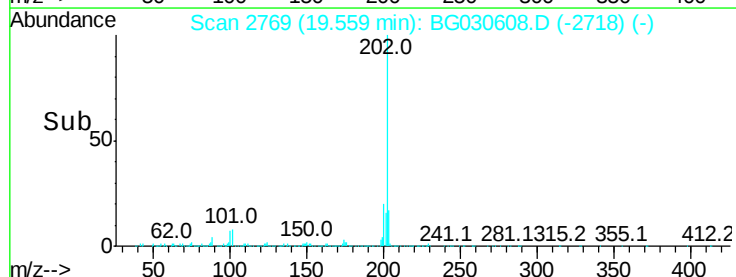
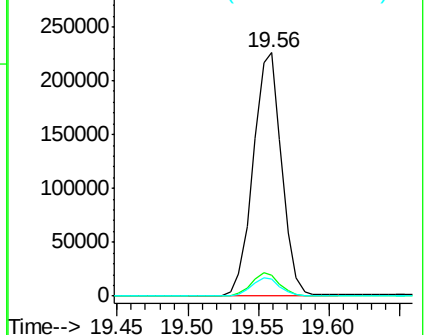
100 6.8 5.6 8.4

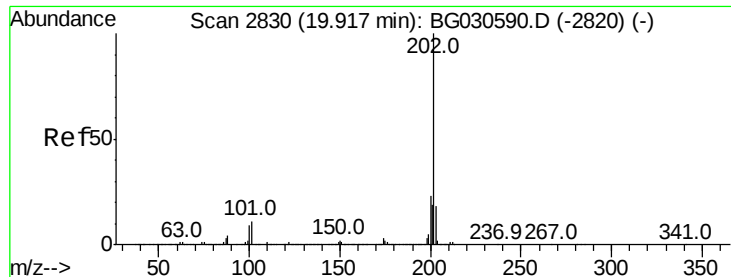


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 7.228 ng/ul

RT: 19.92 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BG030608.D

Acq: 31 Oct 2017 11:14

Instrument :

BNA_G

ClientSampleId :

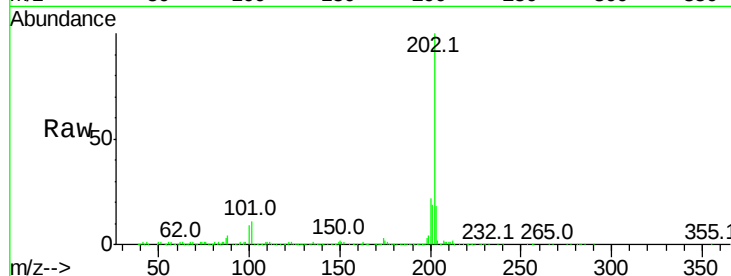
Tot Ion:202 Resp: 256879

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.4	12.6
100	9.3	7.0	10.6

202 100

101 11.3 8.4 12.6

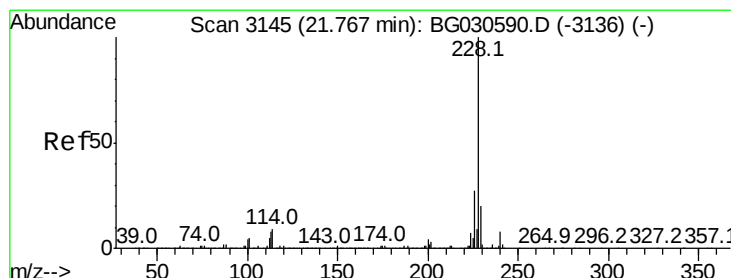
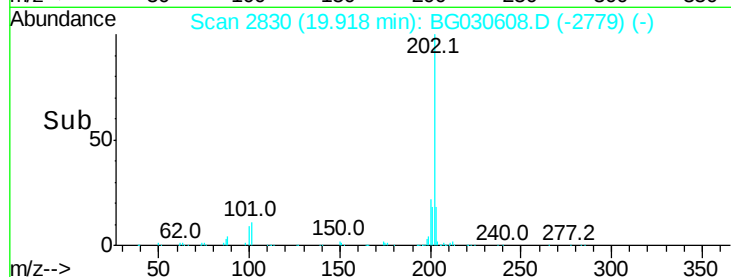
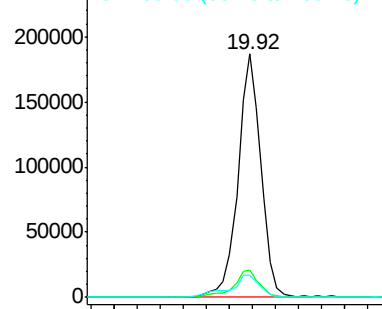
100 9.3 7.0 10.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#80

Benzo(a)anthracene

Concen: 4.468 ng/ul

RT: 21.77 min Scan# 3145

Delta R.T. 0.00 min

Lab File: BG030608.D

Acq: 31 Oct 2017 11:14

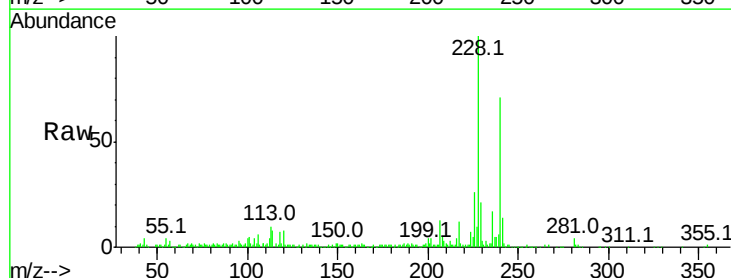
Tgt Ion:228 Resp: 148494

Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.2	24.4
226	26.1	22.2	33.2

228 100

229 21.0 16.2 24.4

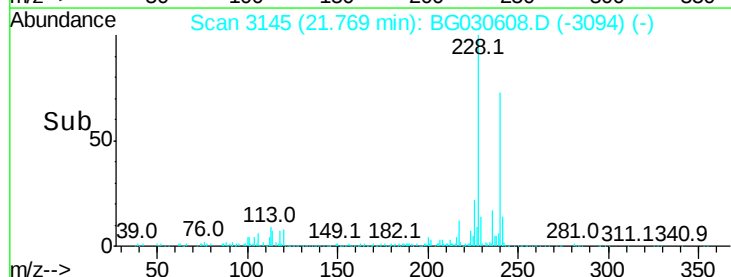
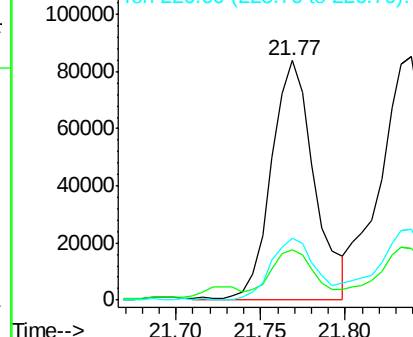
226 26.1 22.2 33.2

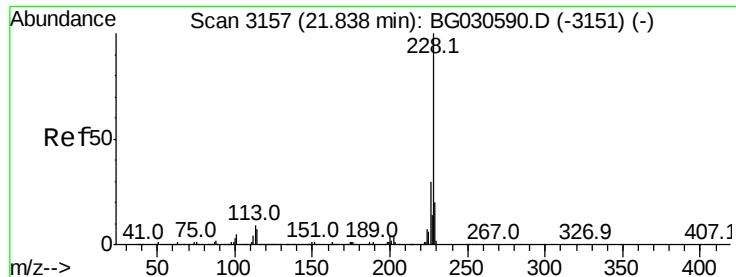


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 5.523 ng/ul

RT: 21.84 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG030608.D

Acq: 31 Oct 2017 11:14

Instrument :

BNA_G

ClientSampleId :

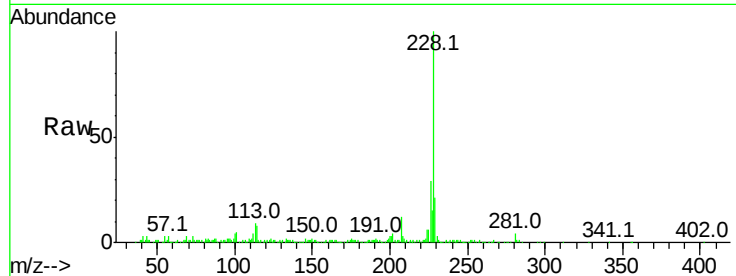
Tot Ion:228 Resp: 166768

Ion Ratio Lower Upper

228 100

226 29.1 24.2 36.2

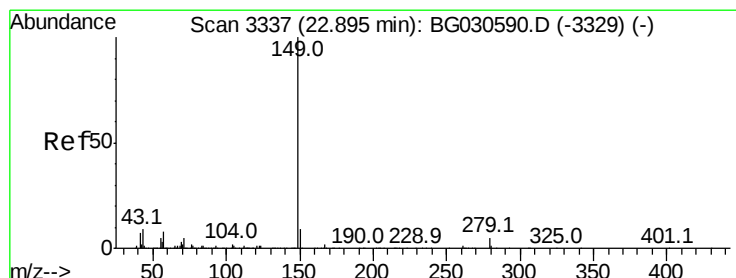
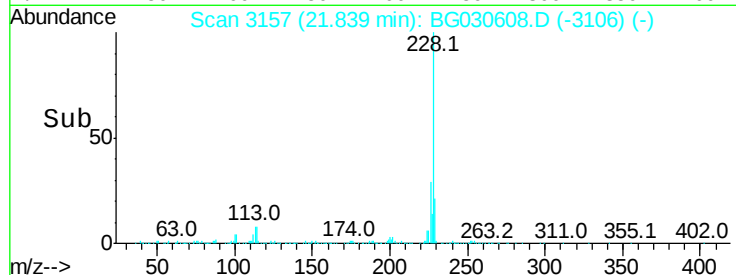
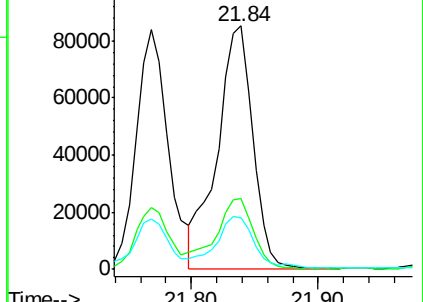
229 21.2 15.2 22.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 2.590 ng/ul

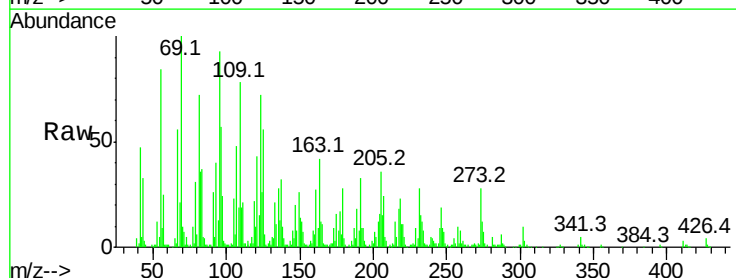
RT: 22.88 min Scan# 3334

Delta R.T. -0.02 min

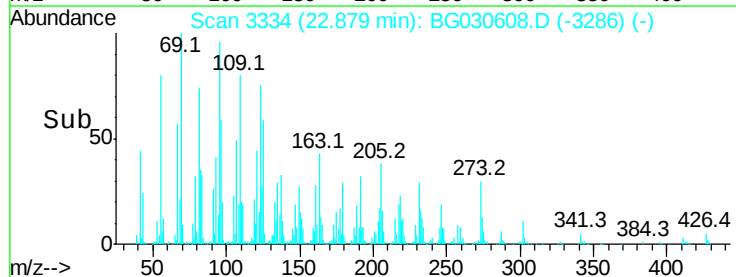
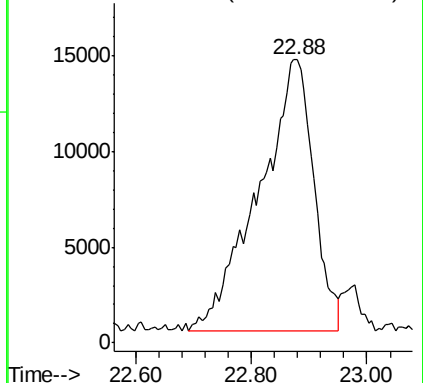
Lab File: BG030608.D

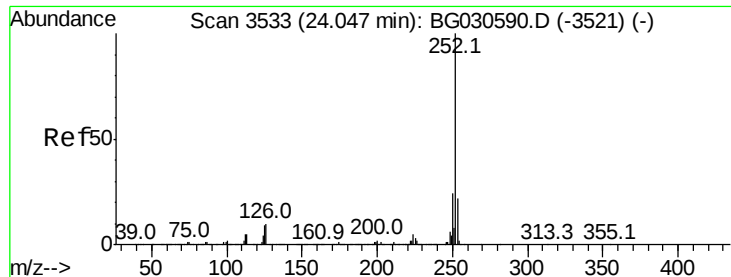
Acq: 31 Oct 2017 11:14

Tgt Ion:149 Resp: 93398



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 7.234 ng/ul

RT: 24.05 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BG030608.D

Acq: 31 Oct 2017 11:14

Instrument :

BNA_G

ClientSampleId :

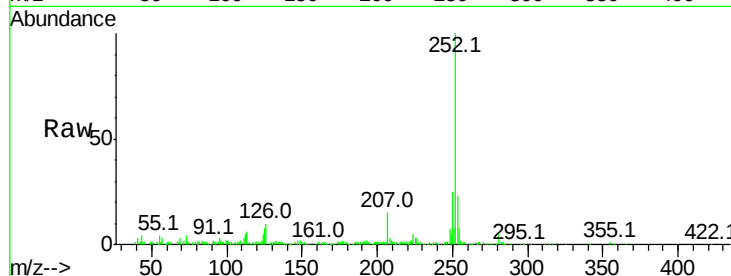
Tot Ion:252 Resp: 234088

Ion Ratio Lower Upper

252 100

253 23.3 17.0 25.4

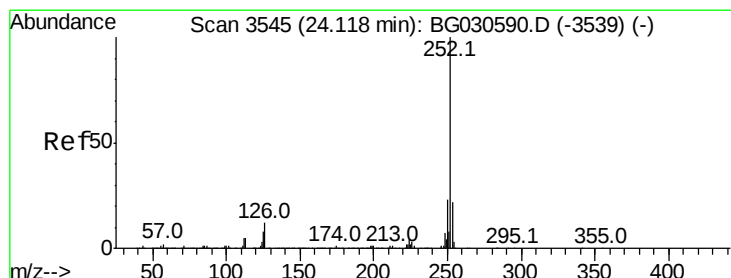
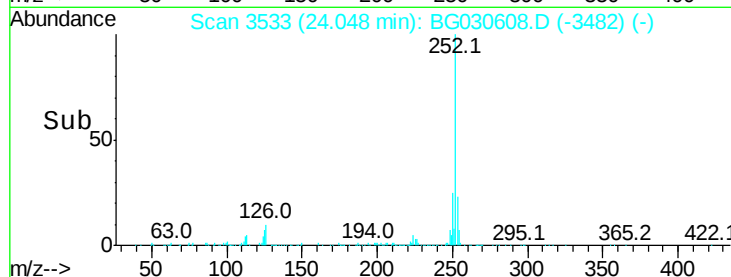
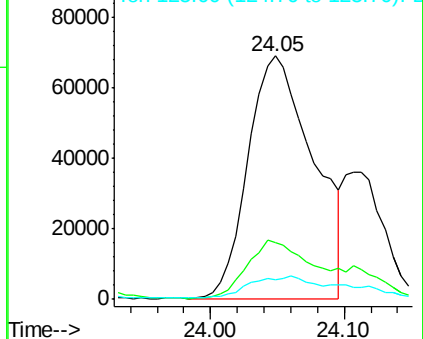
125 8.2 7.5 11.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 2.387 ng/ul

RT: 24.11 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BG030608.D

Acq: 31 Oct 2017 11:14

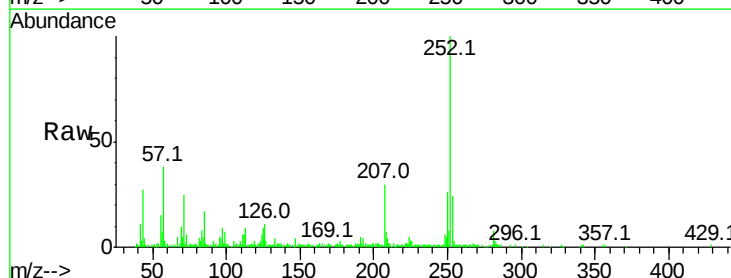
Tgt Ion:252 Resp: 74690

Ion Ratio Lower Upper

252 100

253 23.5 17.2 25.8

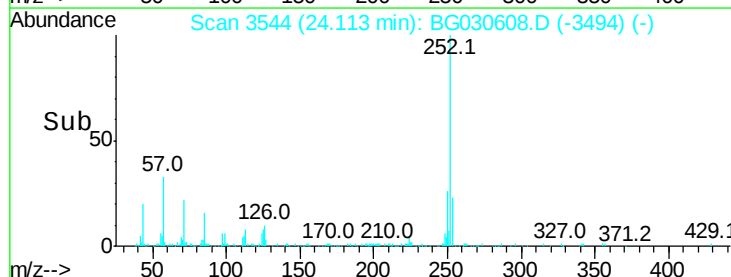
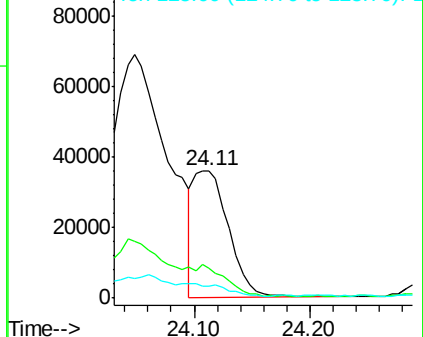
125 9.4 7.8 11.8

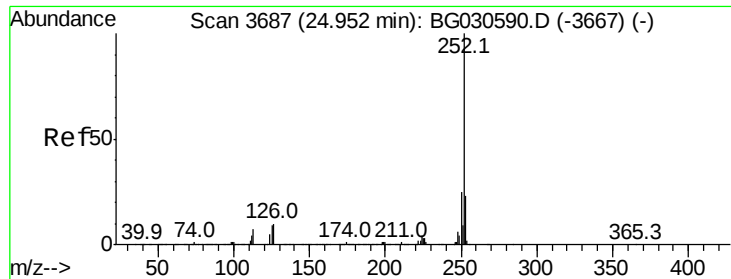


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 4.592 ng/ul

RT: 24.95 min Scan# 3686

Delta R.T. -0.00 min

Lab File: BG030608.D

Acq: 31 Oct 2017 11:14

Instrument :

BNA_G

ClientSampleId :

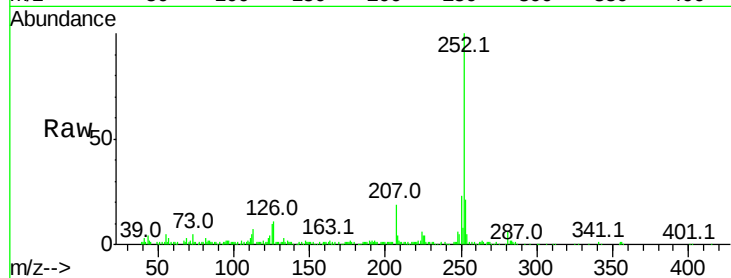
Tot Ion:252 Resp: 144639

Ion Ratio Lower Upper

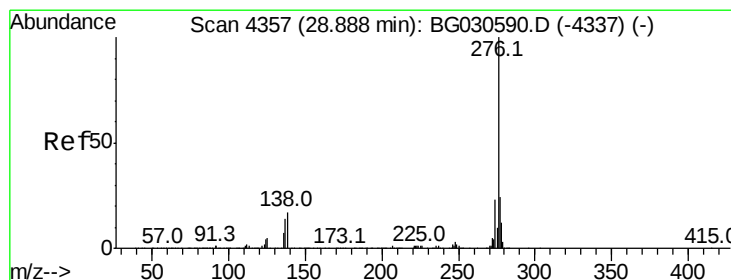
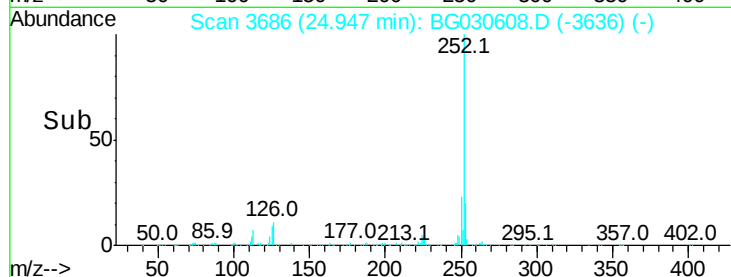
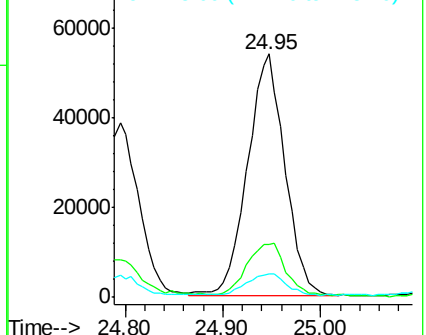
252 100

253 21.5 17.1 25.7

125 9.7 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 3.242 ng/ul

RT: 28.89 min Scan# 4357

Delta R.T. 0.00 min

Lab File: BG030608.D

Acq: 31 Oct 2017 11:14

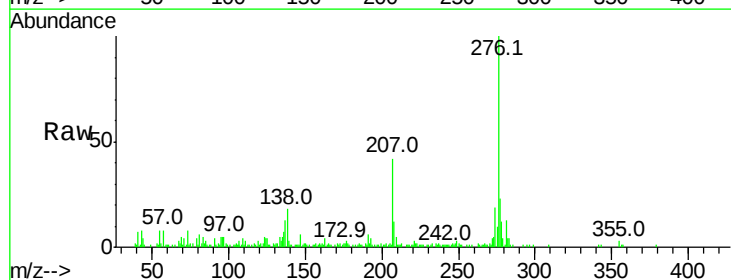
Tgt Ion:276 Resp: 115540

Ion Ratio Lower Upper

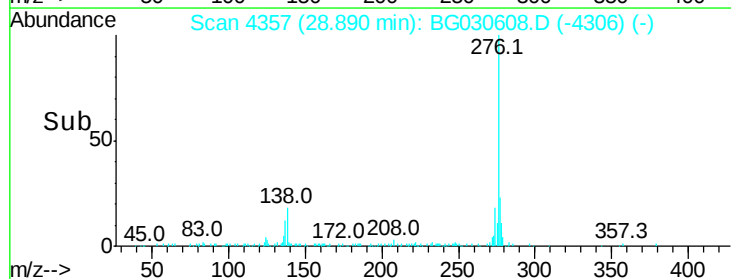
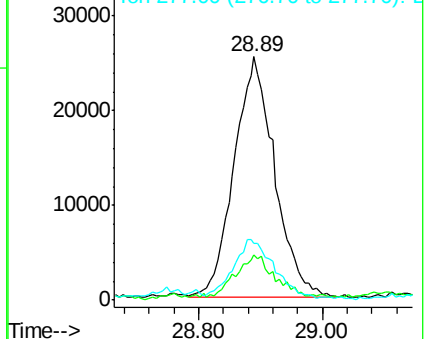
276 100

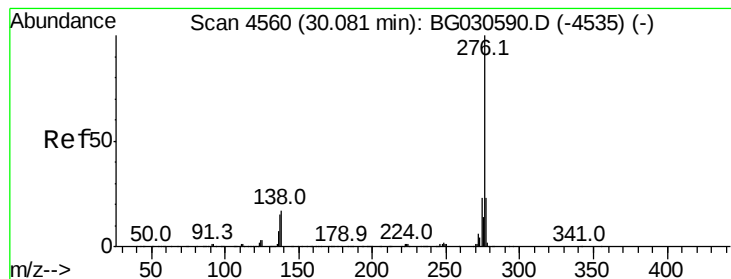
138 18.3 13.4 20.0

277 23.2 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#91

Benzo(a,h,i)perylene

Concen: 3.162 ng/ul

RT: 30.08 min Scan# 4559

Delta R.T. -0.00 min

Lab File: BG030608.D

Acq: 31 Oct 2017 11:14

Instrument :

BNA_G

ClientSampleId :

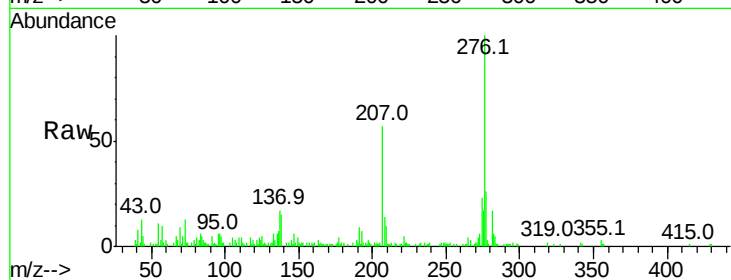
Tot Ion:276 Resp: 93400

Ion Ratio Lower Upper

276 100

138 15.3 12.1 18.1

277 25.6 17.7 26.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

